

**DOCKET NO.: UPN-4023**

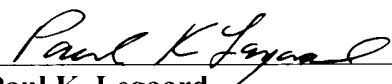
**PATENT**

to form PTO 948. Applicants, however, have not yet received a form PTO 948. Accordingly, Applicants are unaware of any deficiencies in the drawings as originally filed with the application.

The application as filed on October 5, 2000 contained amino acid sequences which are contained within the Sequence Listing. The Office Communication mailed August 15, 2001 indicated that a Sequence Listing and computer readable form had not been filed. Pages containing the Sequence Listing formatted under the new rules for submitting Sequence Listings, support for which can be found throughout the application as originally filed, were filed along with the response to the Restriction Requirement on July 20, 2001. The application has, again, been amended herein to incorporate the Sequence Listing. No new matter has been added. The contents of the paper copy of the Sequence Listing and computer readable copy of the Sequence Listing, submitted in accordance with 37 CFR § 1.821(c) and (e), are the same. In addition, enclosed herewith is a Statement to Support Filing and Submission of DNA/Amino Acid Sequences in Accordance with 37 CFR §§ 1.821 through 1.825, and a computer readable form (CRF).

Applicants submit that the present response is complete. The Examiner is invited to contact Applicants' undersigned representative at (215) 564-8906 if there are any questions regarding Applicants' claimed invention. Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**

Respectfully submitted,

  
**Paul K. Legaard**  
Registration No. 38,534

Date: **September 13, 2001**

WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439

**DOCKET NO.: UPN-4023**

**PATENT**

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the Application:**

Substitute pages 1-10 containing the Sequence Listing have been added.